EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	386	"injection port" with cap	US-PGPUB; USPAT	ADJ	ON	2008/03/17 12:52
S2	0	"injection port".ti. with cap	US-PGPUB; USPAT	ADJ	ON	2008/03/17 12:59
S3	3	(("5520661") or ("5961497") or ("20020193752")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 13:00
S5	1	("5466219").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 13:02
S4	2	S3 and septum	US-PGPUB; USPAT	ADJ	ON	2008/03/17 13:02
S6	14	"injection port" with cap with septum	US-PGPUB; USPAT	ADJ	ON	2008/03/17 13:04
S7	362	"injection port" with septum	US-PGPUB; USPAT	ADJ	ON	2008/03/17 13:05
S8	11	"injection port" with (septum with slit)	US-PGPUB; USPAT	ADJ	ON	2008/03/17 13:12
S9	298	(("20010007641") or ("20010012930") or ("20010039403") or ("20010047154") or ("20010049503") or ("20010056266") or ("20020045892") or ("20020091378") or ("20020094305") or ("20020095121") or ("20020095138") or ("20020111645") or ("20020130100") or ("20020131904") or ("20020132367") or ("20020133124") or ("20020133136") or ("20020156469") or ("20020166394") or ("20020169489") or ("20020170556") or ("20020173769") or ("20030014095") or ("20030036742") or ("20030098430") or ("20030125721") or ("20030153865") or ("20030199835") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 08:36

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S10	1	("6468251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 08:50
S12	16	("3387609" | "4197848" | "4289129" | "4378015" | "4578063" | "4752292" | "4776843" | "4874369" | "4950260" | "4976925" | "5135489" | "5199948" | "5342316").PN. OR ("5961497").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/05 08:52
S11	1	("5961497").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 08:52

S13	853	604/246.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 08:54
S16	692	604/533.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 08:55
S15	784	604/256.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 08:55
S14	289	604/248.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 08:55
S18	1469	604/523.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 08:56
S17	236	604/537.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 08:56
S21	249	251/149.5.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 09:00
S20	208	251/149.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 09:00
S23	199	604/88.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 09:02
S22	185	604/86.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 09:02
S24	265	604/201.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 09:03
S25	26	fluid same "circulating plate"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/06/05 09:08
S26	484	251/149.1.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 09:11
S27	18	("3323774" | "4300250" | "4428397" | "4544130" | "4738665" | "4769012" | "4802506").PN. OR ("5045068").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/05 10:08
S28	8	valve same "circulating plate"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/06/05 10:14
S30	87	S29 and circulating	US-PGPUB; USPAT	ADJ	ON	2008/06/05 10:15
S29	5289	S15 or S16 or S17 or S18 or S20 or S21 or S22 or S23 or S24 or S13 or S26 or S14	US-PGPUB; USPAT	ADJ	ON	2008/06/05 10:15
S31	89730	(valve or port) and circulating	US-PGPUB; USPAT	ADJ	ON	2008/06/05 10:27
S33	4823	S31 and ("604".clas. or "251".clas. or "137".clas. or "222".clas.)	US-PGPUB; USPAT	ADJ	ON	2008/06/05 10:30

S34	416	604/249.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 14:19
S35	70	("4324239" | "4429856" | "4842591" | "5163922" | "5215538" | "5242393" | "5242423" | "5353837" | "5360413" | "5395348"). PN. OR ("5573516").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/05 14:47
S36	1	("5193749").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 15:18
S37	1	("7322969").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 15:20
S38	1	("4263940").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 15:29
S40	1	("5355906").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 16:03
S41	1	("4274407").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 16:09
S42	1	("6699225").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/05 16:35
S44	784	604/256.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 16:37
S43	749	604/93.01.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 16:37
S45	16	("4981140" | "5135489" | "5178607" | "5199948" | "5203775" | "5279571" | "5306265" | "5324256" | "5417673" | "5531672" | "5603706" | "5989216" | "6213973" | "6468251"). PN. OR ("6699225").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/05 16:41
S46	185	604/86.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/05 16:54
S47	3726	stagna$4 with (port or valve)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/06/06 07:29
S48	1	wo-03086528-$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/06/06 07:33
S49	1	("5954691").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 07:39
S50	14	stagna$4 with (port or valve) with turbine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/06/06 07:42

S51	44	stagna$4 with (port or valve) same turbine	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2008/06/06 07:43
S52	3	(("3525357") or ("5624395")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 07:55
S53	14	("3525357").URPN.	USPAT	ADJ	ON	2008/06/06 08:07
S55	1	("5961497").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 08:23
S54	1	("5520661").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 08:23
S56	1	("4197848").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 10:17
S57	1	("6595964").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 10:37
S58	1	("4601703").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 10:44
S59	1	("3880401").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 11:17
S60	1	("5817069").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 11:52
S61	1	("4141379").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/06 11:55
S62	70	(US-20030153865-$ or US-20070088293-$ or US-20060155248-$ or US-20060129109-$ or US-20050165365-$ or US-20080132877-$ or US-20080097407-$ or US-20070233046-$ or US-20080086097-$ or US-20050171510-$).did. or (US-5961497-$ or US-6045539-$ or US-6158458-$ or US-5954313-$ or US-4815477-$ or US-6569125-$ or US-6261266-$ or US-6193697-$ or US-5899888-$ or US-6217568-$ or US-6468251-$ or US-4197848-$ or US-5199948-$ or US-4141379-$ or US-4143853-$ or US-5222948-$ or US-6595964-$ or US-5449350-$ or US-5453097-$ or US-6171287-$ or US-5817069-$ or US-3880401-$ or US-5045068-$ or US-4769012-$ or US-5554124-$ or US-5234412-$).did. or (US-	US-PGPUB; USPAT	ADJ	ON	2008/06/12 16:27

		4266614-$ or US-4673393-$ or US-4610665-$ or US-6640805-$ or US-7100890-$ or US-5967490-$ or US-5833213-$ or US-4387879-$ or US-7296782-$ or US-5749861-$ or US-5573516-$ or US-6871838-$ or US-5569235-$ or US-4915687-$ or US-5584808-$ or US-5193749-$ or US-4274407-$ or US-6699225-$ or US-7163114-$ or US-6918500-$ or US-5279571-$ or US-5203775-$ or US-5603706-$ or US-6827709-$ or US-4786281-$ or US-4585435-$).did. or (US-5501676-$ or US-5653698-$ or US-5242393-$ or US-4601703-$ or US-3525357-$ or US-5624395-$ or US-4426062-$).did.				
S63	41	("3682315" | "3900028" | "4187149" | "4219912" | "4289129" | "4307766").PN. OR ("4601703").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/06/12 17:30
S65	1	("3880401").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/30 07:47
S64	1	("4601703").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/30 07:47
S66	1	("4141379").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/30 07:50
S68	5238	(valve or port) and ((swirl or swirling or swirled) with (fluid or liquid))	US-PGPUB; USPAT	ADJ	ON	2008/12/30 07:55
S67	56794	(valve or port) and ((circulating or circulate or circulated or swirl or swirling or swirled) with (fluid or liquid))	US-PGPUB; USPAT	ADJ	ON	2008/12/30 07:55
S69	11	("20020193752" | "20050171510" | "3880401" | "4141379" | "4197848" | "4601703" | "5520661" | "5817069" | "5961497" | "5957898" | "6595964").PN.	US-PGPUB; USPAT	ADJ	ON	2008/12/30 07:59
S70	259	(valve or port) and ((swirl or swirling or swirled) with (fluid or liquid)) and (stagnate or stagnating or stagnation or stagnated)	US-PGPUB; USPAT	ADJ	ON	2008/12/30 08:04

S71	21706	(valve or port) same ((circulating or circulate or circulated or swirl or swirling or swirled) with (fluid or liquid))	US-PGPUB; USPAT	ADJ	ON	2008/12/30 08:05
S72	490	S71 and (stagnate or stagnating or stagnation or stagnated)	US-PGPUB; USPAT	ADJ	ON	2008/12/30 08:06
S73	13	("3413995" | "3515158" | "3563260" | "3592213"). PN. OR ("3712321").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/30 08:16
S74	83	137/808.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/12/30 08:18
S75	87	137/812.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/12/30 08:19
S78	81	S75 not S74	US-PGPUB; USPAT	ADJ	ON	2008/12/30 08:44
S79	275	S71 and septum	US-PGPUB; USPAT	ADJ	ON	2008/12/30 08:58
S81	298	(("20010007641") or ("20010012930") or ("20010039403") or ("20010047154") or ("20010049503") or ("20010056266") or ("20020045892") or ("20020091378") or ("20020094305") or ("20020095121") or ("20020095138") or ("20020111645") or ("20020130100") or ("20020131904") or ("20020132367") or ("20020133124") or ("20020133136") or ("20020156469") or ("20020166394") or ("20020169489") or ("20020170556") or ("20020173769") or ("20030014095") or ("20030036742") or ("20030098430") or ("20030125721") or ("3841160") or ("3877310") or ("4012325") or ("4084718") or ("4274285") or ("4413534") or ("4455504") or ("4485268") or ("4511355") or	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/30 09:04

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S86	180	(valve or port) same plate same septum same (fluid or liquid)	US-PGPUB; USPAT	ADJ	ON	2008/12/30 09:39
S85	404	(valve or port) same plate same septum	US-PGPUB; USPAT	ADJ	ON	2008/12/30 09:39
S87	1	("6468251").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/12/30 10:14
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